ELSEVIER

Hearing Research 103 (1997) 232–233

HEARING RESEARCH

Author Index Volume 103

Adam, T.J., see Finlayson, P.G. (103) 1
Adamson, C.L., see Mou, K. (103) 47

Baird, R.A., Steyger, P.S. and Schuff, N.R.
Intracellular distributions and putative functions of calcium-binding proteins in the bullfrog vestibular otolith organs (103) 85
Bohne, B.A., see Kim, J. (103) 169
Bohne, B.A., see Morest, D.K. (103) 151

Chays, A., see Scharf, B. (103) 101
Crambes, O., see d'Aldin, C. (103) 225

d'Aldin, C., Puel, J.-L., Leducq, R., Crambes, O., Eybalin, M. and Pujol, R.
Erratum to "Effects of a dopaminergic agonist in the guinea pig cochlea" [Hear. Res. 90 (1995) 202-211] (103) 225
Davis, R.L., see Mou, K. (103) 47

Eybalin, M., see d'Aldin, C. (103) 225

Finlayson, P.G., and Adam, T.J.
Excitatory and inhibitory response adaptation in the superior olive complex affects binaural acoustic processing (103) 1
Furukawa, M., see Oshima, T. (103) 63

Grantham, D.W., see Van Campen, L.E. (103) 35
Greenwood, D.D.,
The Mel Scale's disqualifying bias and a consistency of pitch-difference equisections in 1956 with equal cochlear distances *and* equal frequency ratios (103) 199

Hall, R.D., and Massengill, J.L.
The number of primary auditory afferents in the rat (103) 75
Hall III, J.W., see Van Campen, L.E. (103) 35
Henderson, D., see McFadden, S.L. (103) 142
Hultcrantz, M., and Sylvén, L.
Turner's syndrome and hearing disorders in women aged 16-34 (103) 69

Ikeda, K., see Oshima, T. (103) 63

Kajikawa, H., Umemoto, M., Mishiro, Y., Sakagami, M., Kubo, T. and Yoneda, Y.
Expression of highly polysialylated NCAM (NCAM-H) in developing and adult chicken auditory organ (103) 123
Killick, R., and Richardson, G.P.
Antibodies to the sulphated, high molecular mass mouse tectorin stain hair bundles and the olfactory mucus layer (103) 131
Kim, J., see Morest, D.K. (103) 151
Kim, J., Morest, D.K. and Bohne, B.A.
Degeneration of axons in the brainstem of the chinchilla after auditory overstimulation (103) 169
Kollmeier, B., see Neumann, J. (103) 19
Kubo, T., see Umemoto, M. (103) 123

Leducq, R., see d'Aldin, C. (103) 225

Magnan, J., see Scharf, B. (103) 101
Manabe, Y., Yoshida, S., Saito, H. and Oka, H.
Effects of lidocaine on salicylate-induced discharge of neurons in the inferior colliculus of the guinea pig (103) 192
Massengill, J.L., see Hall, R.D. (103) 75
McFadden, S.L., Henderson, D. and Shen, Y.-H.
Low-frequency 'conditioning' provides long-term protection from noise-induced threshold shifts in chinchillas (103) 142
Mishiro, Y., see Umemoto, M. (103) 123
Morest, D.K., see Kim, J. (103) 169
Morest, D.K., Kim, J. and Bohne, B.A.
Neuronal and transneuronal degeneration of auditory axons in the brainstem after cochlear lesions in the chinchilla: cochleotopic and non-cochleotopic patterns (103) 151
Mou, K., Adamson, C.L. and Davis, R.L.
Stria vascularis morphogenesis in vitro (103) 47

Neumann, J., Uppenkamp, S. and Kollmeier, B.
Interaction of otoacoustic emissions with additional tones: suppression or synchronization? (103) 19

Oka, H., see Manabe, Y. (103) 192
Oshima, T., Ikeda, K., Furukawa, M. and Takasaka, T.
Expression of voltage-dependent chloride channels in the rat cochlea (103) 63

Penner, M.J., and Zhang, T.
Prevalence of spontaneous otoacoustic emissions in adults revisited (103) 28
Puel, J.-L., see d'Aldin, C. (103) 225
Pujol, R., see d'Aldin, C. (103) 225

Richardson, G.P., see Killick, R. (103) 131

Saito, H., see Manabe, Y. (103) 192
Sakagami, M., see Umemoto, M. (103) 123
Scharf, B., Magnan, J. and Chays, A.
On the role of the olivocochlear bundle in hearing: 16 case studies (103) 101
Schuff, N.R., see Baird, R.A. (103) 85
Shen, Y.-H., see McFadden, S.L. (103) 142
Steyger, P.S., see Baird, R.A. (103) 85
Sylvén, L., see Hultcrantz, M. (103) 69

Takasaka, T., see Oshima, T. (103) 63

Uppenkamp, S., see Neumann, J. (103) 19

Van Campen, L.E., Hall III, J.W. and Grantham, D.W.
Human offset auditory brainstem response: effects of stimulus acoustic ringing and rise-fall time (103) 35

Yoneda, Y., see Umemoto, M. (103) 123
Yoshida, S., see Manabe, Y. (103) 192

Zhang, T., see Penner, M.J. (103) 28

ELSEVIER

Hearing Research 103 (1997) 234–236

HEARING RESEARCH

Subject Index Volume 103

Acoustic ringing
Offset auditory brainstem response; Auditory evoked response; Auditory offset neuron; Rise-fall time; Transient stimuli (Van Campen, L.E. (103) 35)

Acoustic trauma
Auditory toughening; Threshold shift; Hearing loss; Auditory plasticity (McFadden, S.L. (103) 142)

Adaptation
Lateral superior olive; Superior paraolivary nucleus; Long-Evans rat; Inhibition; Excitation (Finlayson, P.G. (103) 1)

Age
Turner's syndrome; Sensorineural hearing loss; Middle-ear infection; Karyotype (Hultcrantz, M. (103) 69)

Auditory evoked response
Offset auditory brainstem response; Auditory offset neuron; Acoustic ringing; Rise-fall time; Transient stimuli (Van Campen, L.E. (103) 35)

Auditory offset neuron
Offset auditory brainstem response; Auditory evoked response; Acoustic ringing; Rise-fall time; Transient stimuli (Van Campen, L.E. (103) 35)

Auditory plasticity
Auditory toughening; Threshold shift; Hearing loss; Acoustic trauma (McFadden, S.L. (103) 142)

Auditory toughening
Threshold shift; Hearing loss; Auditory plasticity; Acoustic trauma (McFadden, S.L. (103) 142)

Basal cell
Inner ear; Cochlea; Marginal cell; Intermediate cell; Epithelia; Melanocyte; Development (Mou, K. (103) 47)

Calbindin
Calmodulin; Calretinin; Parvalbumin; S-100; Sacculus; Utriculus (Baird, R.A. (103) 85)

Calmodulin
Calbindin; Calretinin; Parvalbumin; S-100; Sacculus; Utriculus (Baird, R.A. (103) 85)

Calretinin
Calbindin; Calmodulin; Parvalbumin; S-100; Sacculus; Utriculus (Baird, R.A. (103) 85)

Chloride channel
Voltage-dependent chloride channel; RT-PCR; Cochlea; (Rat) (Oshima, T. (103) 63)

Cochlea
Inner ear; Marginal cell; Intermediate cell; Basal cell; Epithelia; Melanocyte; Development (Mou, K. (103) 47)

Chloride channel; Voltage-dependent chloride channel; RT-PCR; (Rat) (Oshima, T. (103) 63)

Transneuronal degeneration; Cochlear ablation; Cochlear nucleus; Superior olive; Inferior colliculus (Morest, D.K. (103) 151)

Noise trauma; Cochlear nucleus; Superior olive; Inferior colliculus; Transneuronal degeneration; Tinnitus (Kim, J. (103) 169)

Cochlear ablation
Transneuronal degeneration; Cochlea; Cochlear nucleus; Superior olive; Inferior colliculus (Morest, D.K. (103) 151)

Cochlear map
Pitch; Mel Scale; Musical interval; Critical bandwidth (Greenwood, D.D. (103) 199)

Cochlear nerve fiber
Spiral ganglion cell; Strain difference (Hall, R.D. (103) 75)

Cochlear nucleus
Transneuronal degeneration; Cochlea; Cochlear ablation; Superior olive; Inferior colliculus (Morest, D.K. (103) 151)

Cochlea; Noise trauma; Superior olive; Inferior colliculus; Transneuronal degeneration; Tinnitus (Kim, J. (103) 169)

Critical bandwidth
Pitch; Mel Scale; Musical interval; Cochlear map (Greenwood, D.D. (103) 199)

Developing chick inner ear
Highly polysialylated neural cell adhesion molecule (NCAM-H); Immunohistochemistry; Neurogenesis; Synaptogenesis (Kajikawa, H. (103) 123)

Development
Inner ear; Cochlea; Marginal cell; Intermediate cell; Basal cell; Epithelia; Melanocyte (Mou, K. (103) 47)

Ear difference
Spontaneous otoacoustic emission; Spectral analysis; Gender difference (Penner, M.J. (103) 28)

Efferent system
Olivocochlear bundle; Selective attention; Signal detection in noise; Ménière's disease (Scharf, B. (103) 101)

Epithelia
Inner ear; Cochlea; Marginal cell; Intermediate cell; Basal cell; Melanocyte; Development (Mou, K. (103) 47)

Excitation
Lateral superior olive; Superior paraolivary nucleus; Long-Evans rat; Adaptation; Inhibition (Finlayson, P.G. (103) 1)

Extracellular matrix
Inner ear; Tectorial membrane; Hair cell; Tectorin; Olfactory mucus (Killick, R. (103) 131)

Gender difference
Spontaneous otoacoustic emission; Spectral analysis; Ear difference (Penner, M.J. (103) 28)

Guinea pig
Tinnitus; Lidocaine; Salicylate; Inferior colliculus (Manabe, Y. (103) 192)

Hair cell
Inner ear; Tectorial membrane; Extracellular matrix; Tectorin; Olfactory mucus (Killick, R. (103) 131)

Hearing loss
Auditory toughening; Threshold shift; Auditory plasticity; Acoustic trauma (McFadden, S.L. (103) 142)

Highly polysialylated neural cell adhesion molecule (NCAM-H)
Developing chick inner ear; Immunohistochemistry; Neurogenesis; Synaptogenesis (Kajikawa, H. (103) 123)

Immunohistochemistry
Highly polysialylated neural cell adhesion molecule (NCAM-H); Developing chick inner ear; Neurogenesis; Synaptogenesis (Kajikawa, H. (103) 123)

Inferior colliculus
Transneuronal degeneration; Cochlea; Cochlear ablation; Cochlear nucleus; Superior olive (Morest, D.K. (103) 151)

Cochlea; Noise trauma; Cochlear nucleus; Superior olive; Transneuronal degeneration; Tinnitus (Kim, J. (103) 169)

Tinnitus; Lidocaine; Salicylate; Guinea pig (Manabe, Y. (103) 192)

Inhibition
Lateral superior olive; Superior paraolivary nucleus; Long-Evans rat; Adaptation; Excitation (Finlayson, P.G. (103) 1)

Inner ear
Cochlea; Marginal cell; Intermediate cell; Basal cell; Epithelia; Melanocyte; Development (Mou, K. (103) 47)

Tectorial membrane; Extracellular matrix; Hair cell; Tectorin; Olfactory mucus (Killick, R. (103) 131)

Intermediate cell
Inner ear; Cochlea; Marginal cell; Basal cell; Epithelia; Melanocyte; Development (Mou, K. (103) 47)

Karyotype
Turner's syndrome; Sensorineural hearing loss; Middle-ear infection; Age (Hultcrantz, M. (103) 69)

Lateral superior olive
Superior paraolivary nucleus; Long-Evans rat; Adaptation; Inhibition; Excitation (Finlayson, P.G. (103) 1)

Lidocaine
Tinnitus; Salicylate; Inferior colliculus; Guinea pig (Manabe, Y. (103) 192)

Long-Evans rat
Lateral superior olive; Superior paraolivary nucleus; Adaptation; Inhibition; Excitation (Finlayson, P.G. (103) 1)

Marginal cell
Inner ear; Cochlea; Intermediate cell; Basal cell; Epithelia; Melanocyte; Development (Mou, K. (103) 47)

Ménière's disease
Efferent system; Olivocochlear bundle; Selective attention; Signal detection in noise (Scharf, B. (103) 101)

Mel Scale
Pitch; Musical interval; Cochlear map; Critical bandwidth (Greenwood, D.D. (103) 199)

Melanocyte
Inner ear; Cochlea; Marginal cell; Intermediate cell; Basal cell; Epithelia; Development (Mou, K. (103) 47)

Middle-ear infection
Turner's syndrome; Sensorineural hearing loss; Karyotype; Age (Hultcrantz, M. (103) 69)

Musical interval
Pitch; Mel Scale; Cochlear map; Critical bandwidth (Greenwood, D.D. (103) 199)

Neurogenesis
Highly polysialylated neural cell adhesion molecule (NCAM-H); Developing chick inner ear; Immunohistochemistry; Synaptogenesis (Kajikawa, H. (103) 123)

Noise trauma
Cochlea; Cochlear nucleus; Superior olive; Inferior colliculus; Transneuronal degeneration; Tinnitus (Kim, J. (103) 169)

Offset auditory brainstem response
Auditory evoked response; Auditory offset neuron; Acoustic ringing; Rise-fall time; Transient stimuli (Van Campen, L.E. (103) 35)

Olfactory mucus
Inner ear; Tectorial membrane; Extracellular matrix; Hair cell; Tectorin (Killick, R. (103) 131)

Olivocochlear bundle
Efferent system; Selective attention; Signal detection in noise; Ménière's disease (Scharf, B. (103) 101)

Otoacoustic emission
Suppression; Synchronization (Neumann, J. (103) 19)

Parvalbumin
Calbindin; Calmodulin; Calretinin; S-100; Sacculus; Utriculus (Baird, R.A. (103) 85)

Pitch
Mel Scale; Musical interval; Cochlear map; Critical bandwidth (Greenwood, D.D. (103) 199)

Rat
Chloride channel; Voltage-dependent chloride channel; RT-PCR; Cochlea (Oshima, T. (103) 63)

Rise-fall time
Offset auditory brainstem response; Auditory evoked response; Auditory offset neuron; Acoustic ringing; Transient stimuli (Van Campen, L.E. (103) 35)

RT-PCR
Chloride channel; Voltage-dependent chloride channel; Cochlea; (Rat) (Oshima, T. (103) 63)

S-100
Calbindin; Calmodulin; Calretinin; Parvalbumin; Sacculus; Utriculus (Baird, R.A. (103) 85)

Sacculus
Calbindin; Calmodulin; Calretinin; Parvalbumin; S-100; Utriculus (Baird, R.A. (103) 85)

Salicylate
Tinnitus; Lidocaine; Inferior colliculus; Guinea pig (Manabe, Y. (103) 192)

Selective attention
Efferent system; Olivocochlear bundle; Signal detection in noise; Ménière's disease (Scharf, B. (103) 101)

Sensorineural hearing loss
Turner's syndrome; Middle-ear infection; Karyotype; Age (Hultcrantz, M. (103) 69)

Signal detection in noise
Efferent system; Olivocochlear bundle; Selective attention; Ménière's disease (Scharf, B. (103) 101)

Spectral analysis
Spontaneous otoacoustic emission; Ear difference; Gender difference (Penner, M.J. (103) 28)

Spiral ganglion cell
Cochlear nerve fiber; Strain difference (Hall, R.D. (103) 75)

Spontaneous otoacoustic emission
Spectral analysis; Ear difference; Gender difference (Penner, M.J. (103) 28)

Strain difference
Spiral ganglion cell; Cochlear nerve fiber (Hall, R.D. (103) 75)

Superior olive
Transneuronal degeneration; Cochlea; Cochlear ablation; Cochlear nucleus; Inferior colliculus (Morest, D.K. (103) 151)

Cochlea; Noise trauma; Cochlear nucleus; Inferior colliculus; Transneuronal degeneration; Tinnitus (Kim, J. (103) 169)

Superior paraolivary nucleus
Lateral superior olive; Long-Evans rat; Adaptation; Inhibition; Excitation (Finlayson, P.G. (103) 1)

Suppression
Otoacoustic emission; Synchronization (Neumann, J. (103) 19)

Synaptogenesis
Highly polysialylated neural cell adhesion molecule (NCAM-H); Developing chick inner ear; Immunohistochemistry; Neurogenesis (Kajikawa, H. (103) 123)

Synchronization
Otoacoustic emission; Suppression (Neumann, J. (103) 19)

Tectorial membrane
Inner ear; Extracellular matrix; Hair cell; Tectorin; Olfactory mucus (Killick, R. (103) 131)

Tectorin
Inner ear; Tectorial membrane; Extracellular matrix; Hair cell; Olfactory mucus (Killick, R. (103) 131)

Threshold shift
Auditory toughening; Hearing loss; Auditory plasticity; Acoustic trauma (McFadden, S.L. (103) 142)

Tinnitus
Cochlea; Noise trauma; Cochlear nucleus; Superior olive; Inferior colliculus; Transneuronal degeneration (Kim, J. (103) 169)

Lidocaine; Salicylate; Inferior colliculus; Guinea pig (Manabe, Y. (103) 192)

Transient stimuli
Offset auditory brainstem response; Auditory evoked response; Auditory offset neuron; Acoustic ringing; Rise-fall time (Van Campen, L.E. (103) 35)

Transneuronal degeneration
Cochlea; Cochlear ablation; Cochlear nucleus; Superior olive; Inferior colliculus (Morest, D.K. (103) 151)

Cochlea; Noise trauma; Cochlear nucleus; Superior olive; Inferior colliculus; Tinnitus (Kim, J. (103) 169)

Turner's syndrome
Sensorineural hearing loss; Middle-ear infection; Karyotype; Age (Hultcrantz, M. (103) 69)

Utriculus
Calbindin; Calmodulin; Calretinin; Parvalbumin; S-100; Sacculus (Baird, R.A. (103) 85)

Voltage-dependent chloride channel
Chloride channel; RT-PCR; Cochlea; (Rat) (Oshima, T. (103) 63)